

## Shallow structure of the Tanakura tectonic line -Seismic reflection survey in Daigo town, Ibaraki prefecture-

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A seismic reflection survey was conducted between the eastern Daigo area and the central shear zone of the Tanakura tectonic line to clarify the sedimentary basin structure. Dipping and flat reflectors are imaged in the CMP stacked section and some of them correspond to the Nantaisan volcanic breccia and the basement rock. Characteristics of reflectors change to the east of the faults expressed in the surface geological map. The subsurface fault is not clear under the surface faults, but it is possible to draw fault lines like a flower structure from the surface faults.